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1645  
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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: YongQi Mu

Title: GLYCOPEPTIDE DISULFIDE AND THIOESTER DERIVATIVES

Docket No.: 1343.005US1

Serial No.: 09/847,048

Filed: May 1, 2001

Due Date: N/A

Examiner: Unknown

Group Art Unit: 1645

Commissioner for Patents  
Washington, D.C. 20231

We are transmitting herewith the following attached items (as indicated with an "X"):

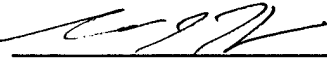
☒ A return postcard.

☒ An Information Disclosure Statement (1 p.), Form 1449 (2 p.), and copies of 21 cited references.

Please consider this a **PETITION FOR EXTENSION OF TIME** for sufficient number of months to enter these papers and please charge any additional required fees or credit overpayment to Deposit Account No. 19-0743.

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

P.O. Box 2938, Minneapolis, MN 55402 (612-373-6900)

By:   
Atty: Robert J. Harris, Ph.D.  
Reg. No. 37,346

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231, on this 8th day of November, 2001.

Alisia G. Dunbar  
Name

  
Signature

**Customer Number 21186**

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

P.O. Box 2938, Minneapolis, MN 55402 (612-373-6900)

(GENERAL)

**S/N 09/847,048**

IDS/#4  
1/14/02  
**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: YongQi Mu

Examiner: Unknown

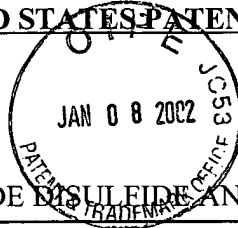
Serial No.: 09/847,048

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Title: GLYCOPEPTIDE DISULFIDE AND THIOESTER DERIVATIVES



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**INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicant respectfully requests that this Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicant further request that a copy of the 1449 form, initialled by the Examiner to indicate that all listed citations have been considered, be returned with the next official communication.

Under 37 C.F.R. §1.97(b)(3), it is believed that no fee or certificate is required with this Information Disclosure Statement. However, if an Office Action on the merits has been mailed, the Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Account No. 19-0743.

The Examiner is invited to contact the Applicant's Representatives at the below-listed telephone number if there are any questions regarding this communication.

Respectfully submitted,

YONGQI MU

By his Representatives,

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
P.O. Box 2938  
Minneapolis, MN 55402  
(612) 359-3265

Date 11-8-01

By [Signature]

Robert J. Harris, Ph.D.  
Reg. No. 37,346

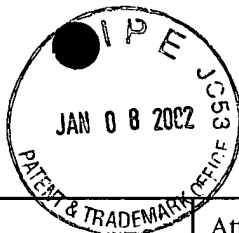
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**Alisia G. Dunbar**

Name

Signature

[Signature]



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Sheet 1 of 2

Form 1449\*

Atty. Docket No.: 1343.005US1

Serial No. 09/847,048

INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT  
(Use several sheets if necessary)

Applicant: YongQi Mu

Filing Date: May 1, 2001

Group: 1645

U.S. PATENT DOCUMENTS

**Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
						If Appropriate
	4,643,987	02/17/1987	Nagarajan et al.	514	8	08/14/85
	4,698,327	10/06/1987	Nagarajan et al.	514	8	04/18/86
	4,727,064	02/23/1988	Pitha	514	58	05/29/85
	4,983,586	01/08/1991	Bodor	514	58	03/29/88
	5,591,714	01/07/1997	Nagarajan et al.	514	9	10/13/94
	5,602,112	02/11/1997	Rubinfeld	514	58	08/26/94
	5,750,509	05/12/1998	Malabarba et al.	514	11	04/30/96
	5,840,684	11/24/1998	Cooper et al.	514	11	03/24/95
	5,916,873	06/29/1999	Cooper et al.	514	9	04/01/98

FOREIGN PATENT DOCUMENTS

**Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	00/39156	07/06/2000	PCT	C07K	9/00		
	00/59528	10/12/2000	PCT	A61K	38/08		
	0667353	08/16/1995	European	C07K	9/00		
	0816378	01/07/1998	European	C07K	9/00		

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

**Examiner Initial	
	Allen, N.E., et al., "The Role of Hydrophobic Side Chains as Determinants of Antibacterial Activity of Semisynthetic Glycopeptide Antibiotics", <u>The Journal of Antibiotics</u> , 50 (8), pp. 677-684, (Aug. 1997)
	Ge, M., et al., "Vancomycin Derivatives That Inhibit Peptidoglycan Biosynthesis Without Binding", <u>Science</u> , 284, pp. 507-511, (April 16, 1999)
	Nagarajan, R., et al., "Synthesis and Antibacterial Evaluation of N-Alkyl Vancomycins", <u>The Journal of Antibiotics</u> , XLII (1), pp. 63-72, (Jan. 1989)
	Nicolaou, K.C., et al., "Chemistry, Biology, and Medicine of the Glycopeptide Antibiotics", <u>Angew. Chem. Int. Ed.</u> , 38, pp. 2097-2152, (1999)
	Pavlov, A.Y., et al., "A New Type of Chemical Modification of Glycopeptides Antibiotics: Aminomethylated Derivatives of Eremomycin and Their Antibacterial Activity", <u>The Journal of Antibiotics</u> , 50 (6), pp. 509-513, (June 1997)
	Pavlov, A.Y., et al., "Chemical Modification of Glycopeptide Antibiotics [VC1]", <u>Russian Journal Of Bioorganic Chemistry</u> , 24 (9), pp. 570-587, (1998)
	Pavlov, A.Y., et al., "Mono and Double Modified Teicoplanin Aglycon Derivatives on the Amino Acid No. 7; Structure-activity Relationship", <u>The Journal of Antibiotics</u> , 51 (1), pp. 73-78, (Jan. 1998)

Examiner

Date Considered

\*Substitute Disclosure Statement Form (PTO-1449)

\*\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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Sheet 2 of 2

Form 1449*	Atty. Docket No.: 1343.005US1	Serial No. 09/847,048
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	Applicant: YongQi Mu	
	Filing Date: May 1, 2001	Group: 1645

**OTHER DOCUMENTS**

\*\*Examiner  
Initial

(Including Author, Title, Date, Pertinent Pages, Etc.)

Zang, M., et al., "A review of recent applications of cyclodextrins for drug discovery", Expert Opinion on Therapeutic Patents, 9 (12), 21 p., (1999)

Examiner	Date Considered
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